ont.

brake calipers mounted outside the disc for braking the wheel, a twist-type brake control handle mounted on one end of the first handlebar, a brake control bar connector connected to the brake calipers, and a control cable coupling the brake control bar connector and the twist-type brake control handle for activating the brake calipers and controlling movement of the wheelbarrow.

## REMARKS UNDER 37 C.F.R. 1.111

Reconsideration and allowance are respectfully requested.

New claims 46 and 47 point out structure as requested by the examiner at the interview.

Claim 46, for example, points out the drum connected to the wheel and the twist-type brake control handle on the first handle bar, neither of which are found in the prior art and none of which would have been obvious from the prior art.

Claim 47, for example, points out the disc connected to the wheel and the twist-type brake control handle on the first handle bar, neither of which are found in the prior art and none of which would have been obvious from the prior art.

Dependent claims add features neither found in nor obvious from the prior art.

It would not have been obvious to provide a twist-type brake control handle on a wheelbarrow handlebar.

The twist-type brake control provides complete control of the wheelbarrow without loosening a grip to apply a brake, either when going down a slope or when stopping the barrow to dump it. Neither Miyazaki nor Krauer has a brake on the wheel which permits dumping while braking. Miyazaki, for example, locks the wheel tread to the frame, prohibiting lifting the frame without releasing the brake.

Claim 31 describes a braking mechanism which uses a twisttype handle for operating the brake and controlling speed of the vehicle. No reference shows or renders that structure obvious. Claims 32-45 depend from claim 31 and add other features neither found in nor suggested by the references.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made".

Since Applicant has presented a novel, unique and nonobvious invention, reconsideration and allowance are respectfully requested.

Respectfully,

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October 1, 2002

VERSION WITH MARKINGS TO SHOW CHANGES MADE In the Claims: Claims 1, 2, 19-24, 27 and 29 have been cancelled without prejudice. Claims 46 and 47 have been added as above. Claims 3-6, 8-10, 17, 18, 25, 26 and 28 have been amended as below: The system of claim [2]  $\underline{46}$ , wherein the drum (Amended) assembly is a steel drum assembly. (Amended) The system of claim [2] 46, wherein the drum 4. assembly comprises a plastic drum with a steel liner. The system of claim [2] 46, wherein the drum 5. (Amended) assembly further comprises a drum and an enclosure for sealing and protecting the drum from external material. The system of claim 5, further comprising a (Amended) mounting plate for the drum brake assembly and connectors for mounting the plate to a rim of the wheel. The system of claim 5, further comprising 8. (Amended) [an] the axle supporting two wheels of the wheelbarrow, wherein the drum is mounted centrally on the axle between the wheels. The system of claim [1] 46, wherein the (Amended) control handle is a twist-type motorcycle handle mounted at an end of the handle bars of the wheelbarrow. The system of claim [10] 46, wherein the 10. (Amended) control handle twists to different degrees for activating the - 6 -

braking mechanism without losing contact with the handle bars of the wheelbarrow during braking.

- 17. (Amended) The system of claim [1] 46, further comprising a large pitch screw on an end of the control cable, wherein the [bearing] screw is freely movable in opposite directions.
- 18. (Amended) The system of claim 17, wherein the [bearing] screw [is in] is spring loaded in a brake releasing direction.
- 25. (Amended) The system of claim [24] <u>47</u>, wherein the disc brake <u>assembly and wherein the calipers further comprise[s]</u> a frame mounted caliper, [and a] <u>wherein the disc is mounted on the wheel of the wheelbarrow, and wherein the caliper acts upon the disc for slowing the wheelbarrow by friction.</u>
- 26. (Amended) The system of claim 25, wherein the control handle is a motorcycle twist-type handle, and wherein the control cable connects the handle and the frame mounted caliper, thereby controlling engagement of the frame mounted caliper with the [wheel] disc.
- 28. (Amended) The system of claim [27] <u>46</u>, further comprising [an] <u>a second wheel on the</u> axle for supporting [the two wheels of] the wheelbarrow, and [a] <u>wherein the</u> drum brake <u>assembly is</u> mounted in a center of the axle for simultaneously controlling rotation of the two wheels.